



MAF801-TF3



MAF801-TF1

## Features

- Supports 14th/13th/12th Gen Intel® Core™ i7/i5/i3 Processors, TDP 35/65W
- 2x DDR5 SO-DIMM, Dual Channel
- 3x GbE ports, 6x USB 3.x
- 1x M.2 2280 M-Key and 2x SATA 3.0
- Expansion slots supports PCI-E high-performance graphics card
- Operating temperature range -10C to +50C

## Specifications

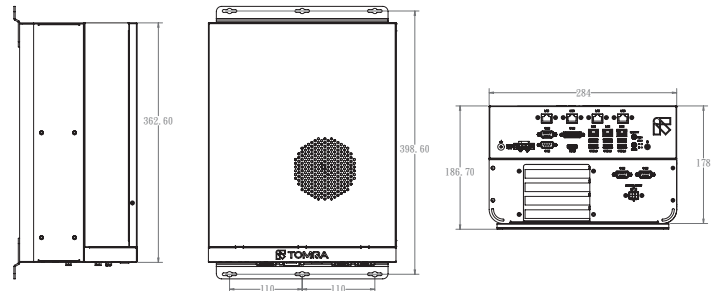
System Mainboard	MBA801 with Intel® R680E PCH
CPU Type	14th/13th/12th Gen Intel® Core™ i9/i7/i5/i3/ Celeron® desktop processors (35W/65W TDP)
System Speed	Up to 6GHz
Memory	2x DDR5-5600 SO-DIMM, Max. 64GB
AI Inference Computing Power	By CPU and PCI-E card performance
Front Panel External I/O	1x HDMI, 1x DVI-I 6x USB 3.x 3x RJ45 for Gigabit LAN 2x RS-232/422/485COM ports 2x RS-232 COM ports 1x Audio connector for Line out Power / HDD LED, power button 1x DC-In power connector for system power
Rear Panel External I/O	N/A
Expansion Slot	1x PCI-Express (x1 6) 1x PCI-Express (x4) 2x M.2 2280 B-Key + M-Key
Storage	2x 2.5" HDD/SSD (external-access) 1x M.2 2080 M-Key (SATA & PCI-E)
Power Requirement	24V DC for System Power Input 12V DC for Additional Power
Power Supply	N/A
Construction	Aluminum & Steel
Chassis Color	Silver & Navy Blue
Mounting Type	N/A
Dimensions	MAF801-TF1: 284mm (W) x 362mm (D) x 80mm (H) MAF801-TF3: 284mm (W) x 362mm (D) x 178mm (H)
Weight	TBD
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Storage Temperature	-20°C to 80°C (-4°F to 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	Non-operating: 1.0 grms / 5~500Hz / random operation Operating: 0.25 grms / 5~500Hz / random operation
Shock	Operating: 20 g / 11 ms Non-operating: 40 g / 11 ms
Certification	CE / FCC Class-B (TBD)
Operating System	Windows 11, Ubuntu 22.04

## Ordering Information

MAF801-TF1	Box PC Controller w/o Power adaptor
MAF801-TF3	Box PC Controller, 1x PCI-E ext. card, w/o power adaptor
180W power adaptor (optional)	180W (24V @7.5A) power adaptor, bare wire type, Compatible with IEC62368-1/EN62368-1

## Dimensions and Drawing

MAF801-TF3



MAF801-TF1

